

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8106	428/432,469,472.2,697,702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L2	429	L1 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L3	196	L2 and crystal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L4	8106	428/432,469,472.2,697,702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L5	429	L4 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L6	196	L5 and crystal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L7	24	L6 and impact and force	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
L8	64	(((((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiro.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiro.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary) and "brittle ceramic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:48
L9	4212	"fine particle" and impact and force and (film layer coating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:51

L10	547	L9 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:51
L11	436	L10 and density	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:51
L12	21	L11 and crystallite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:10
L13	5654	amorphous and crystal\$5 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:11
L14	2206	L13 and composite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:11
L15	1985	L14 and (ceramic metal metalloid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:11
L16	9	L15 and "crystal orientation" and polycrystal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:14
L17	26	L15 and "crystal orientation"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:15
L18	17	L17 not L16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:15
L21	13	L11 and crystallite adj size	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:36

L22	64	(((((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary) and "brittle ceramic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:40
L23	92	("brittle ceramic" "brittle metal" "brittle metalloid") and polycrystal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:37
L28	64	(((((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary) and "brittle ceramic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:00
L29	3634	428/323.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:03
L30	667	L29 and "fine particle"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:02
L31	69	L30 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:02

L32	4784	428/323,325.cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:03
L33	781	L32 and "fine particle"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:03
L34	79	L33 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:04
L35	781	L33 not L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:04
L36	79	L34 not L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:04
L37	79	L36 not L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:04
S1	22401	toto.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:44
S2	24	akedo-jun.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:44
S3	1	ito-tomokadsu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:44
S4	103	yokoyama-tatsuro.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:45
S5	265	mori-katsuhiko.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:45
S6	127	hatono-hironori.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:46

S7	160	kiyohara-masakatsu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:46
S8	136	aso-yuji.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:46
S9	22755	toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:48
S10	74298	brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 08:48
S11	61	(toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:31
S12	1	"5928719".PN.	USPAT	OR	OFF	2004/10/20 09:05
S13	1	"5795626".PN.	USPAT	OR	OFF	2004/10/20 09:06
S14	1	"5120366".PN.	USPAT	OR	OFF	2004/10/20 09:06
S15	1	"5120366".PN.	USPAT	OR	OFF	2004/10/20 09:10
S16	1	"4801411".PN.	USPAT	OR	OFF	2004/10/20 09:10
S17	1	"4172558".PN.	USPAT	OR	OFF	2004/10/20 09:22
S18	1	"3100724".PN.	USPAT	OR	OFF	2004/10/20 09:23
S19	49293	brittle and (ceramic metal\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:31
S20	49273	(brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:32
S21	15009	((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:32

S22	20	((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:48
S23	14989	((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:48
S24	2857	(((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/20 09:52

S25	64	(((((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary) and "brittle ceramic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 14:49
S26	64	(((((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) not (((brittle and (ceramic metal\$4) ) not ((toto.as. akedo-jun.in. ito-tomokadsu.in. yokoyama-tatsuro.in. mori-katsuhiko.in. hatono-hironori. in. kiyohara-masakatsu.in. aso-yuji. in.) and brittle)) and (crystalline polycrystalline crystal)) and hyaline)) and boundary) and "brittle ceramic"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:48
S27	92	("brittle ceramic" "brittle metal" "brittle metalloid") and polycrystal\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 14:51
S28	64	S27 not S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:37
S31	4	S28 and boundary	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:05
S32	60	S28 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:05

S33	0	S32 and anchor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:06
S36	3	S32 and crystallite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:06
S37	4206	"fine particle" and impact and force and (film layer coating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:15
S38	547	S37 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:15
S39	436	S38 and density	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:15
S40	0	S39 and crystallite adj size	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:17
S43	21	S39 and crystallite	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:18
S44	8099	428/432,469,472.2,697,702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:28
S45	429	S44 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 15:28
S46	196	S45 and crystal\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:45
S50	8106	428/432,469,472.2,697,702.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:11
S51	429	S50 and brittle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:11